CLAIMS

WHAT IS CLAIMED IS:

1. A method for securely and quickly interconnecting a web server with a portable wireless communications device, the method comprising:

providing a gateway coupled to the server, the gateway including a database storing a plurality of active session data uniquely identifying each of a plurality of users authorized to gain access to the server;

transmitting a present transaction request including a unique identifier from the wireless device to the gateway;

relating the present transaction request against the active session data in the database to determine whether or not the unique identifier in the transaction request matches a respective active session data;

in the event no match of the transaction request against any active session data is determined, transmitting a login screen so that, upon the user providing authentication credentials through the login screen, the user can proceed with the transaction request;

in the event a match is determined, permitting the user to proceed through the transaction request without the user having to reenter the authentication credentials.

2 The method of claim 1 wherein the active session data includes respective data fields indicative of time elapsed from the last transaction request by a respective user and a session time out value.

3. The method of claim 2 wherein the relating of the present transaction request to the active session data includes determining whether the time elapsed from the last transaction request by that respective user is within the session time out value.

4. The method of claim 3 wherein in the event the time elapsed from the last transaction request by that respective user is within the session time out value, the active session data for that user continues to be usable by the gateway.

5. The method of claim 3 wherein in the event time elapsed from the last transaction request by that respective user exceeds the session time out value, the active session data for that user is inactivated, and thus requiring the user to provide the authentication credentials through the login screen to continue with the transaction request.

6. The method of claim 1 further comprising mapping each transaction request into corresponding strings of compressed and uncompressed transactional code.

7. The method of claim 5 wherein the transaction request transmitted by the wireless device comprises at least one string of compressed transactional code.

8. The method of claim 6 further comprising translating the at least one string of compressed transactional code transmitted by the wireless device into a corresponding string of uncompressed code for the requested transaction.

9. The method of claim 1 wherein the transaction request comprises a transaction request selected from the group comprising requesting an order of respective goods, requesting an order for services related to the goods, requesting order status information, requesting an order update, requesting information regarding the goods and/or services.

10. A system for securely and quickly interconnecting a web server to a portable wireless communications device, the system comprising:

a gateway coupled to the server, the gateway including a database storing a plurality of active session data uniquely identifying each of a plurality of users authorized to gain access to the server;

a link configured to transmit a present transaction request including a unique identifier from the wireless device to the gateway; and

a processor in the gateway configured to relate the present transaction request against the active session data in the database to determine whether or not the unique identifier in the transaction request matches a respective active session data, the gateway configured to perform the following actions:

in the event no match of the transaction request against any active session data is determined, transmitting a login screen so that, upon the user providing authentication credentials through the login screen, the user can proceed with the transaction request;

in the event a match is determined, permitting the user to proceed through the transaction request without the user having to reenter the authentication credentials.

11. The system of claim 10 wherein the active session data includes respective data fields indicative of time elapsed from the last transaction request by a respective user and a session time out value.

12. The system of claim 11 wherein the processor is further configured to determine whether the time elapsed from the last transaction request by that respective user is within the session time out value.

13. The system of claim 12 wherein in the event the time elapsed from the last transaction request by that respective user is within the session time out value, the active session data for that user continues to be usable by the gateway.

14. The system of claim 12 wherein in the event time elapsed from the last transaction request by that respective user exceeds the session time out value, the active session data for that user is inactivated, and thus requiring the user to provide the authentication credentials through the login screen to continue with the transaction request.

15. The system of claim 10 further comprising a mapping base mapping each transaction request into corresponding strings of compressed and uncompressed transactional code.

16. The system of claim 15 wherein the transaction request transmitted by the wireless device comprises at least one string of compressed transactional code.

17. The system of claim 16 wherein the processor is further configured to translate the at least one string of compressed transactional code transmitted by the wireless device into a corresponding string of uncompressed code for the requested transaction.

18. The system of claim 10 wherein the transaction request comprises a transaction request selected from the group comprising requesting an order of respective goods, requesting an order for services related to the goods, requesting order status information, requesting an order update, requesting information regarding the goods and/or services.